

1. An automatic ventilator for cardio-pulmonary resuscitation (CPR) comprising:
an automatic ventilating circuit adapted for delivering two cycles of
positive pressure breathable gas flow ventilation to a patient's airway; and
a CPR timing circuit adapted to emit timed signals over a CPR period,
5 after said two cycles, to guide an operator to time chest compressions applied to a patient.
2. The automatic ventilator according to claim 1, comprising:
a breathing system integrity alarm circuit including a BSI alarm signal
emitted when the gas pressure in the airway during inspiration is below a predetermined
10 minimum pressure.
3. The automatic ventilator according to claim 1, comprising:
a maximum delivery pressure alarm circuit including a MDP alarm signal
emitted when the gas pressure in the airway during inspiration is above a predetermined
15 maximum delivery pressure.
4. The automatic ventilator according to any one of claims 2 and 3, wherein the CPR
timing circuit emits timed signals including at least one of: a verbal signal; an audible
signal; and a visual signal.
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5. The automatic ventilator according to claim 1, wherein at least one of the BSI
alarm circuit and the MDP alarm circuit include an alarm selected from the group
consisting of: an audible alarm; and a visual alarm.
- 25 6. The automatic ventilator according to claim 1, wherein said cycles of positive
pressure breathable gas flow have an inspiration time of about 2 seconds.
7. The automatic ventilator according to claim 1, wherein said cycles of positive
30 pressure breathable gas flow have an expiration time of about 4 seconds.

8. The automatic ventilator according to claim 1, wherein said cycles deliver a tidal volume of about 0.5L per cycle.
- 5 9. The automatic ventilator according to claim 1, wherein said CPR period has a time of about 9 seconds.
10. The automatic ventilator according to claim 9, wherein fifteen signals are emitted during the CPR period.